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TITLE : SYNTHETIC FIBER DYED WITH NATURAL DYE

ABSTRACT : PROBLEM TO BE SOLVED: To provide a synthetic fiber dyeable to a color similar to natural fiber with a common natural dye and giving a natural placid color of a natural dye.

SOLUTION: This dyed synthetic fiber is produced by fixing a natural protein to the surface of a synthetic fiber and dyeing the natural protein with a natural dye. The synthetic fiber is preferably a polyester fiber and the natural protein is preferably insolubilized by crosslinking or fixed with a binder. The natural protein is preferably mordanted with a mordant, preferably a metal compound mordant.

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